Attorney's Docket No. 3339-239A

PATENT

RESPONSE UNDER 37 C.F.R. 1.116 - EXPEDITED PROCEDURE - EXAMINING GROUP 1633

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#9/K.T. 12/12 A (N.E.)

In re: Joel Sternheimer
Appl. No.: 09/320,637
Filed: May 26, 1999
For: METHOD FOR THE REGULATION OF PROTEIN BIOSYNTHESIS

Group Art Unit: 1633
Examiner: J. Martinell

November 7, 2001

Box AF
Commissioner for Patents
Washington, DC 20231

AMENDMENT AFTER FINAL ACTION PURSUANT TO 37 C.F.R. § 1.116

Sir:

In response to the Office Action mailed (made final) May 25, 2001, please amend the above-identified application as follows:

In The Claims:

Please cancel Claims 1-12 and add new Claims 13-18.

13. (New) A method for epigenetic regulation of protein biosynthesis *in situ* by scale resonance comprising:

A. determining the amino acid sequence of said protein, then the sequence of musical notes corresponding to said amino acid sequence, through decoding and transposition into sound of time series of quantum vibrations associated to its elongation, by operating as follows:

(a) determining the proper frequency of each amino acid in its free state, equal to its mass multiplied by the square of the speed of light in vacuum and divided by Planck's constant; then minimizing the global harmonic distance between all the possible couples of amino acids as a function of their proportion in environing transfer RNA population to which said amino acids are bound, by setting the condition that the displacement of the initial proper frequency of the amino acid in its free state as earlier determined, towards its bound state value which results in the synchronized frequency, be smaller than half the difference between the two synchronized frequencies surrounding said initial frequency,

DO NOT ENTER 12/14/01